



## Valve Keeper & Retainer Caution on 2003-2006 Acura 2.0L K20 Engines

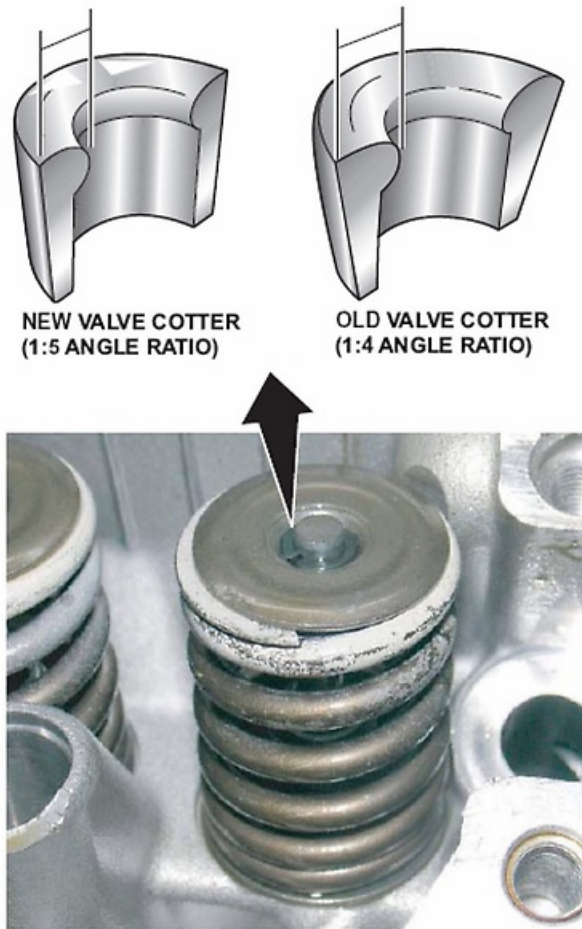
The AERA Technical Committee offers the following information regarding a revised valve keeper & retainer for 2004-2005 Acura 2.0L K20 engines. This information should be considered anytime cylinder head components are being replaced. Two unique design valve spring retainers and keepers have been used on these engines.

Starting with '04 model year vehicles, Acura factories have been switching over to different intake and exhaust valve cotters and valve spring retainers. The new valve cotters and retainers have a 1:5 angle ratio instead of a 1:4 angle ratio. This ratio change increases the binding force between the two valve cotters, the retainer, and the valve.

It's important you don't mix these two types of valve cotters and retainers; they're not interchangeable. If you mix them, the result may be a dropped valve, a thrashed engine, and one very unhappy service client.

The two types of valve keepers and retainers look a lot alike at first glance, but there are a couple of subtle differences if you look close. The replacement 1:5 angle ratio valve keepers have two laser-etched marks on top. The replacement 1:5 angle ratio retainer has two dimples 180° apart on the outside edge. See Figure 1 on page 2.

Years	Keepers	Retainer
2003-2004	14781PR7A01	14765PNA000
2004 W/Engine #1421125	14765PNA000	14765PRBA01



**Figure 1. New Keeper Design Left, Old Design Right**